

Fig. 1

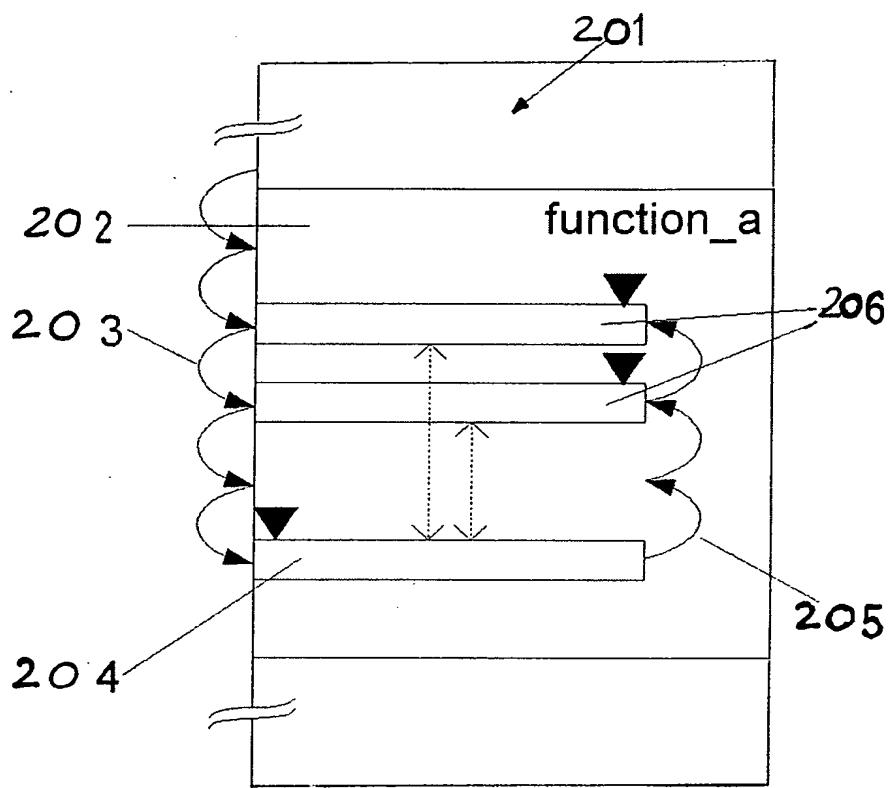


Fig. 2

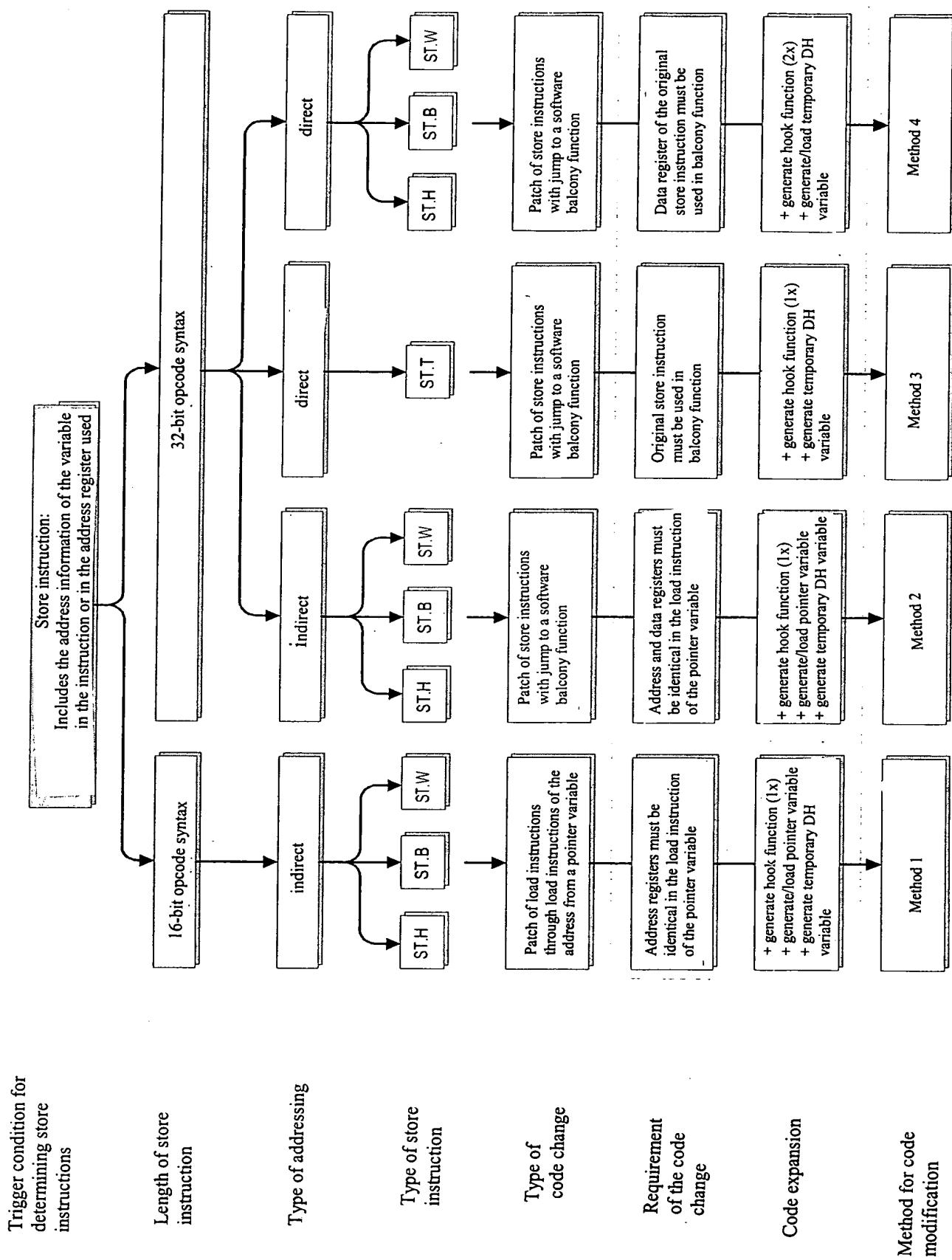


FIG. 3

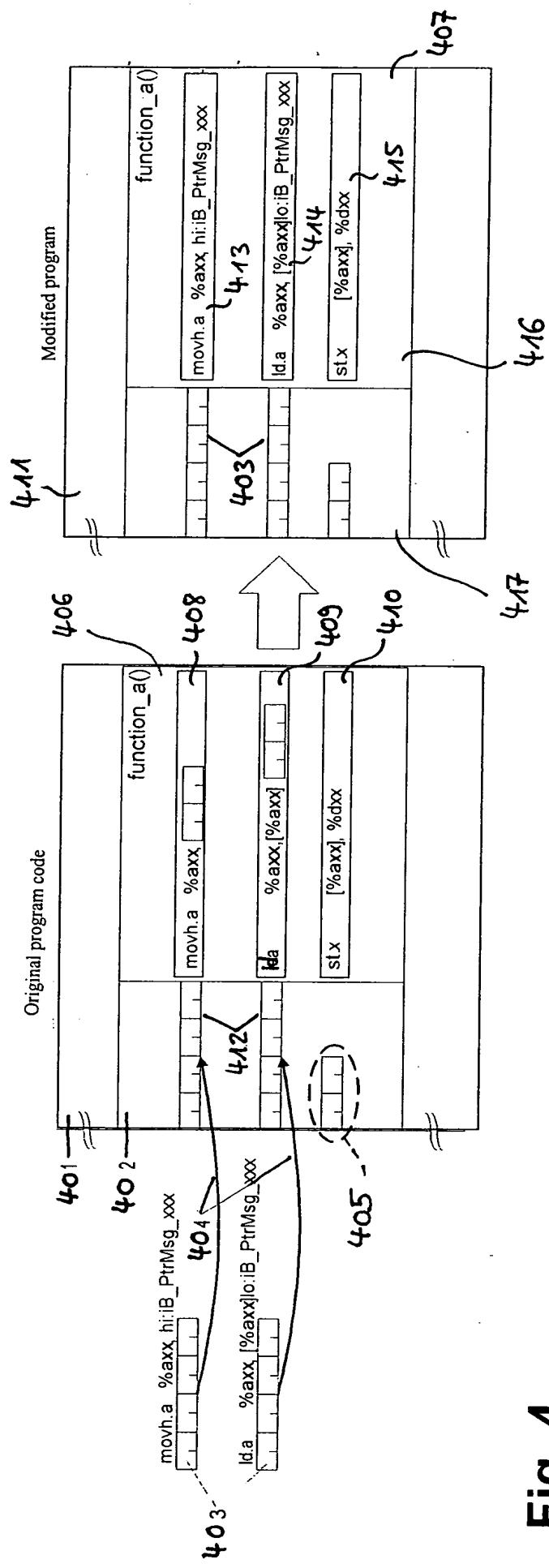
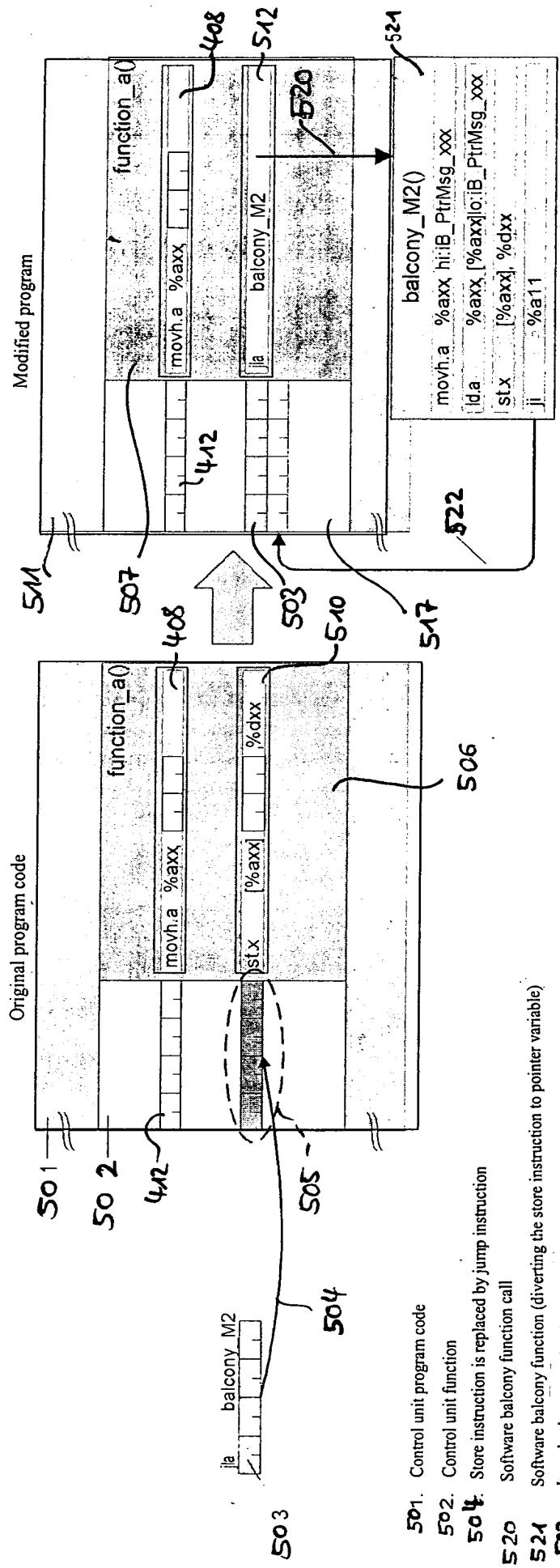
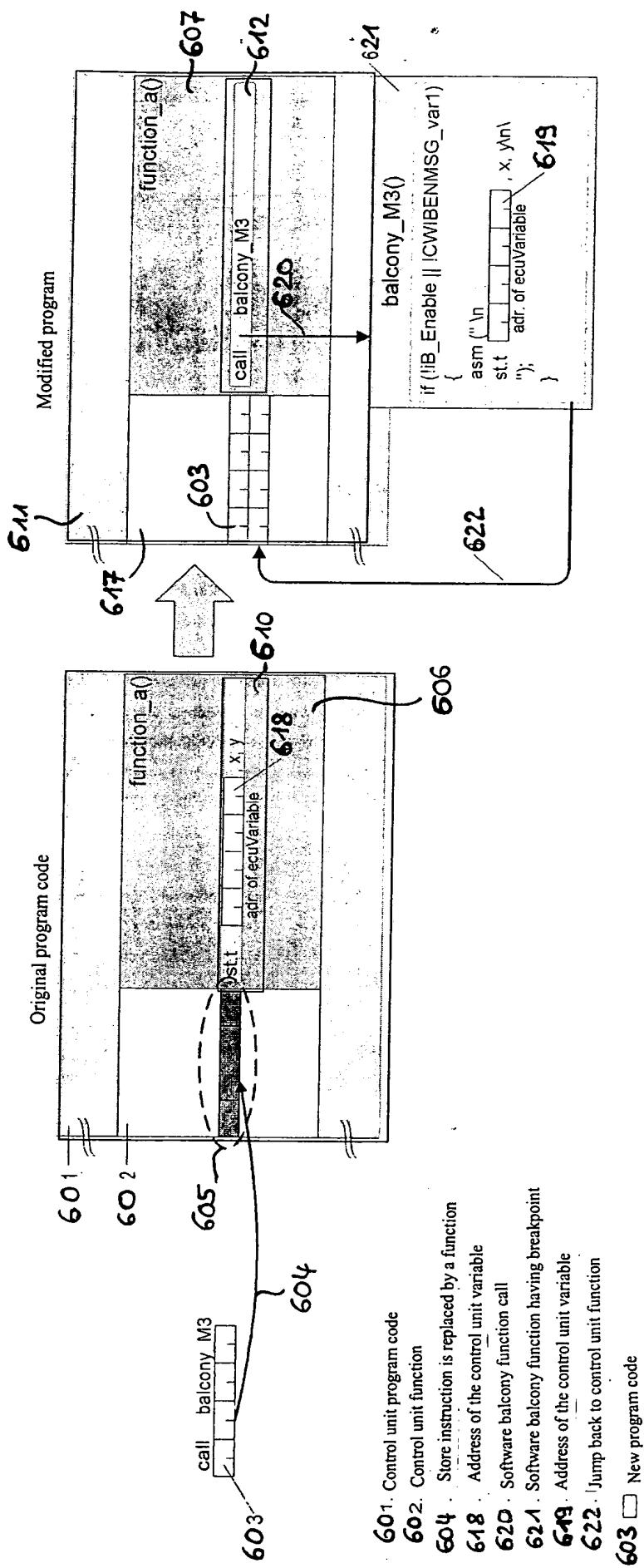
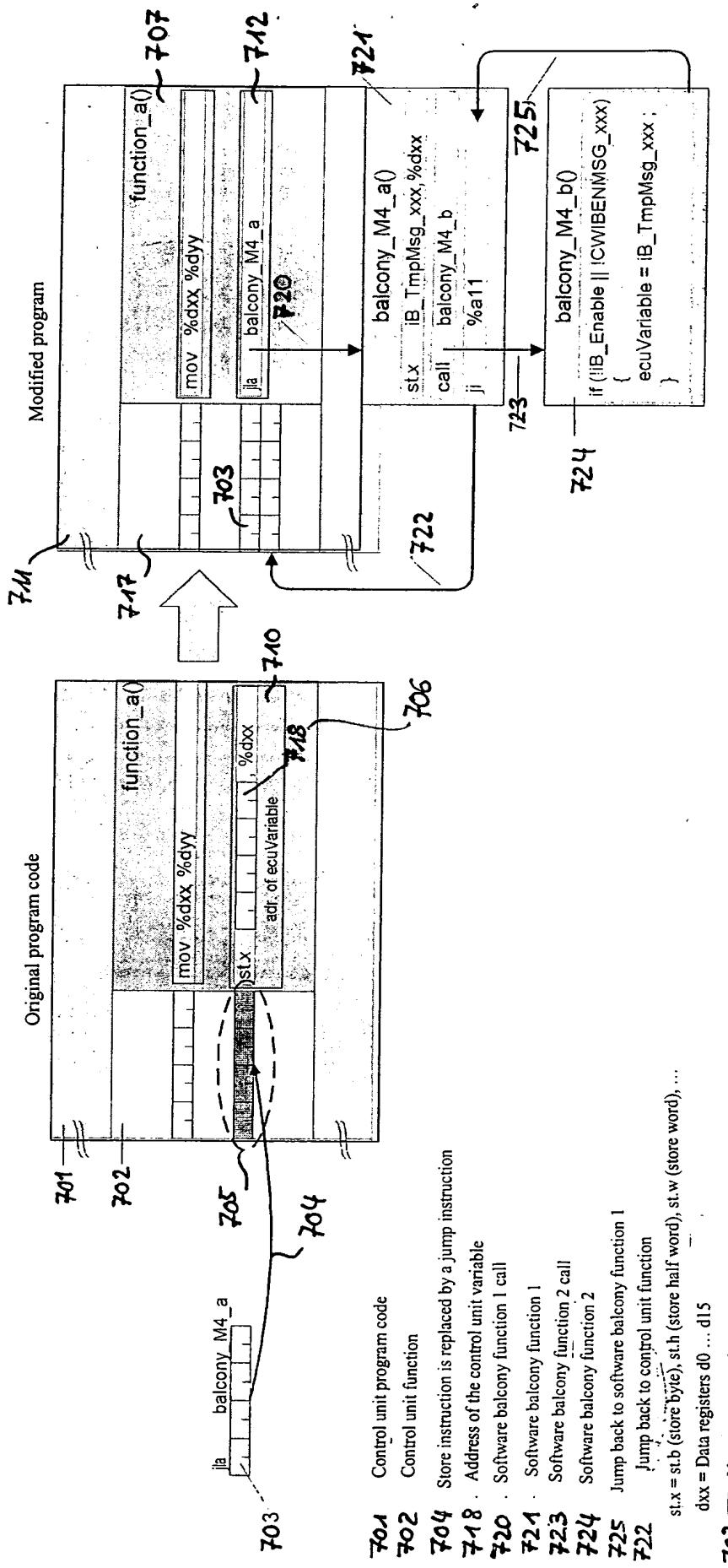
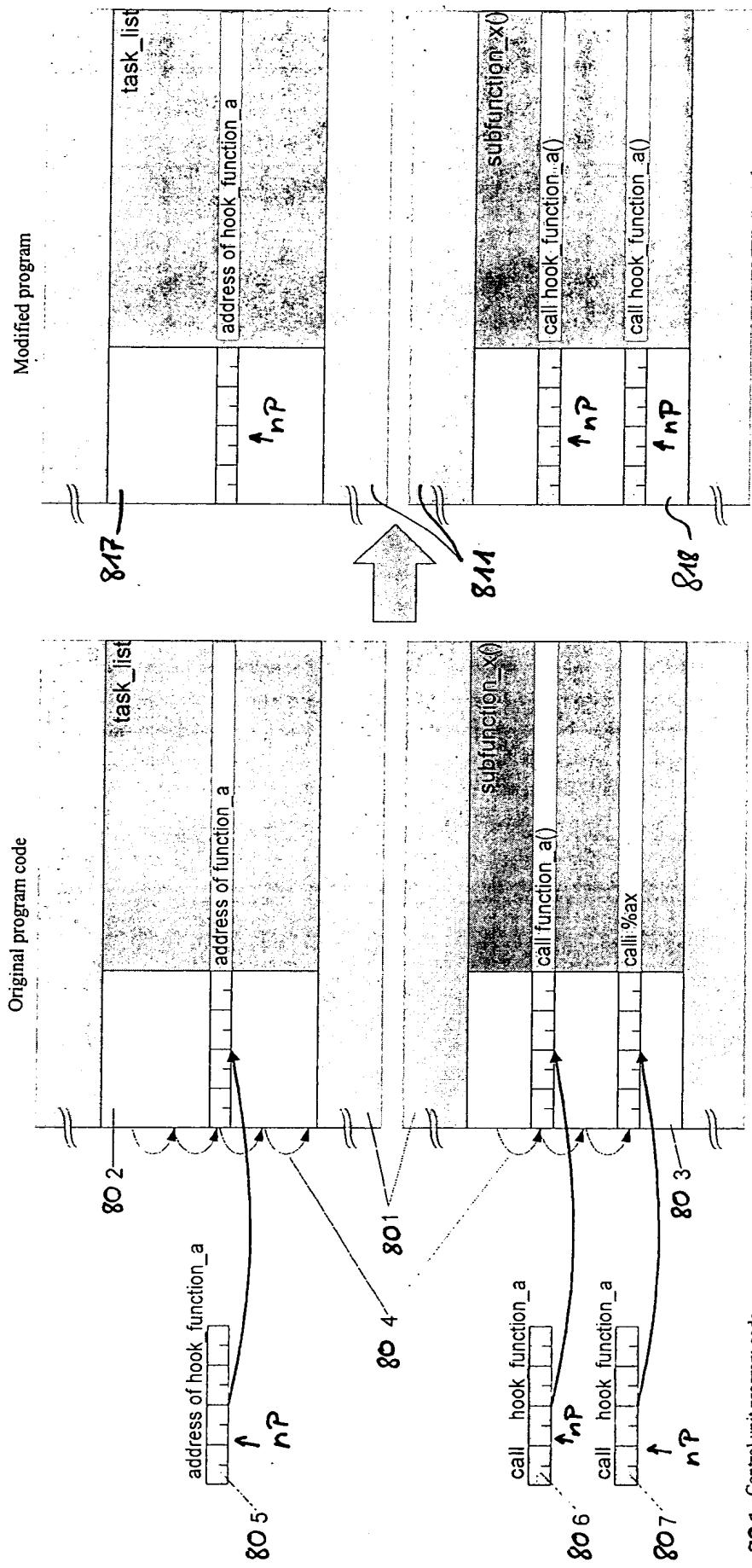


Fig. 4









80 1. Control unit program code
 80 2. Task list
 80 3. Subfunction
 80 4. Procedure for determination of function addresses and function calls
 80 5. Address of function_a is replaced by address of hook_function_a
 80 6. Function call of function_a is replaced by call of hook_function_a
 80 7. Indirect function call of function_a is replaced by call of hook_function_a (32-bit instruction)

NP □ New program code

Fig. 8

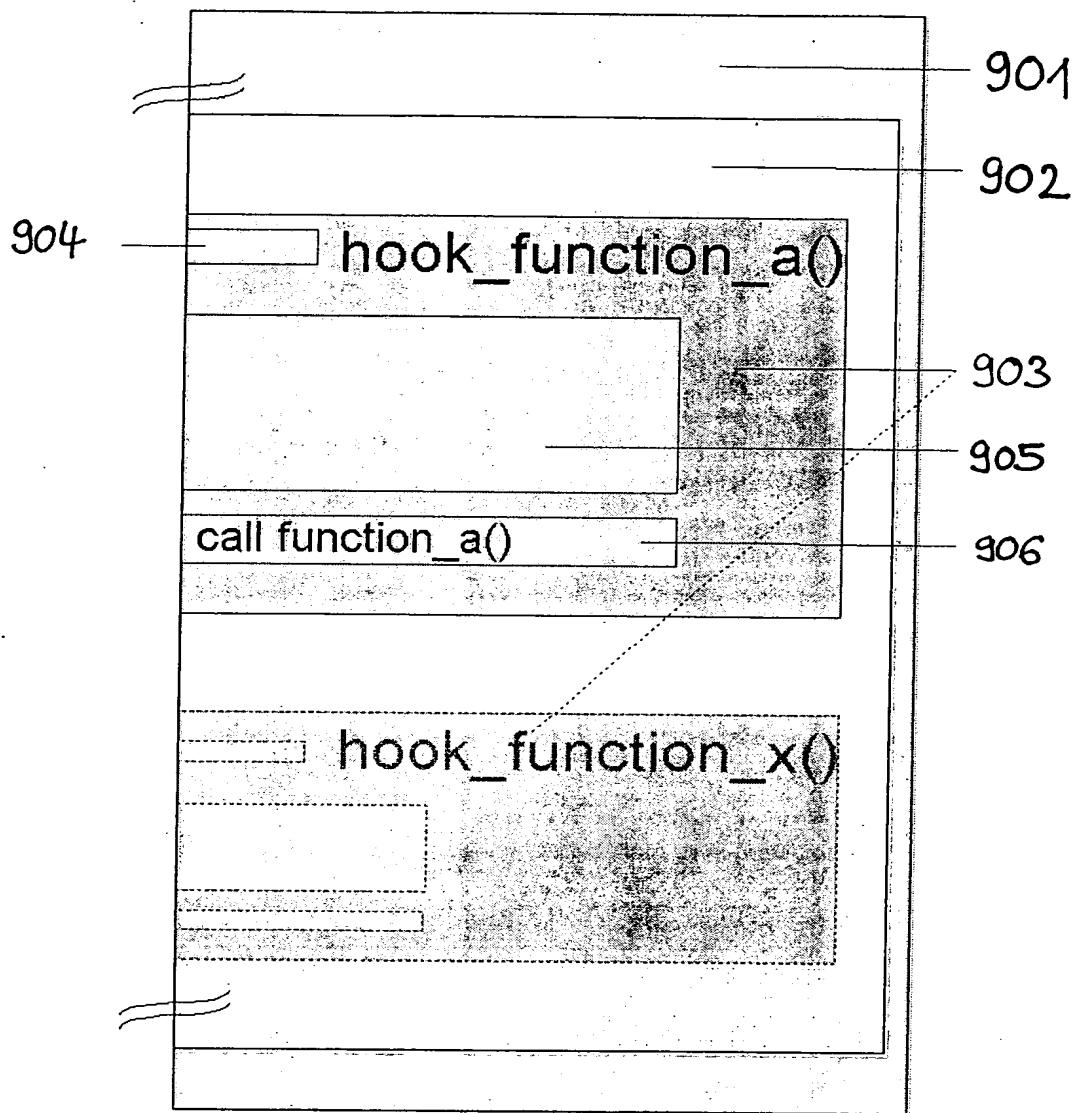


Fig. 9

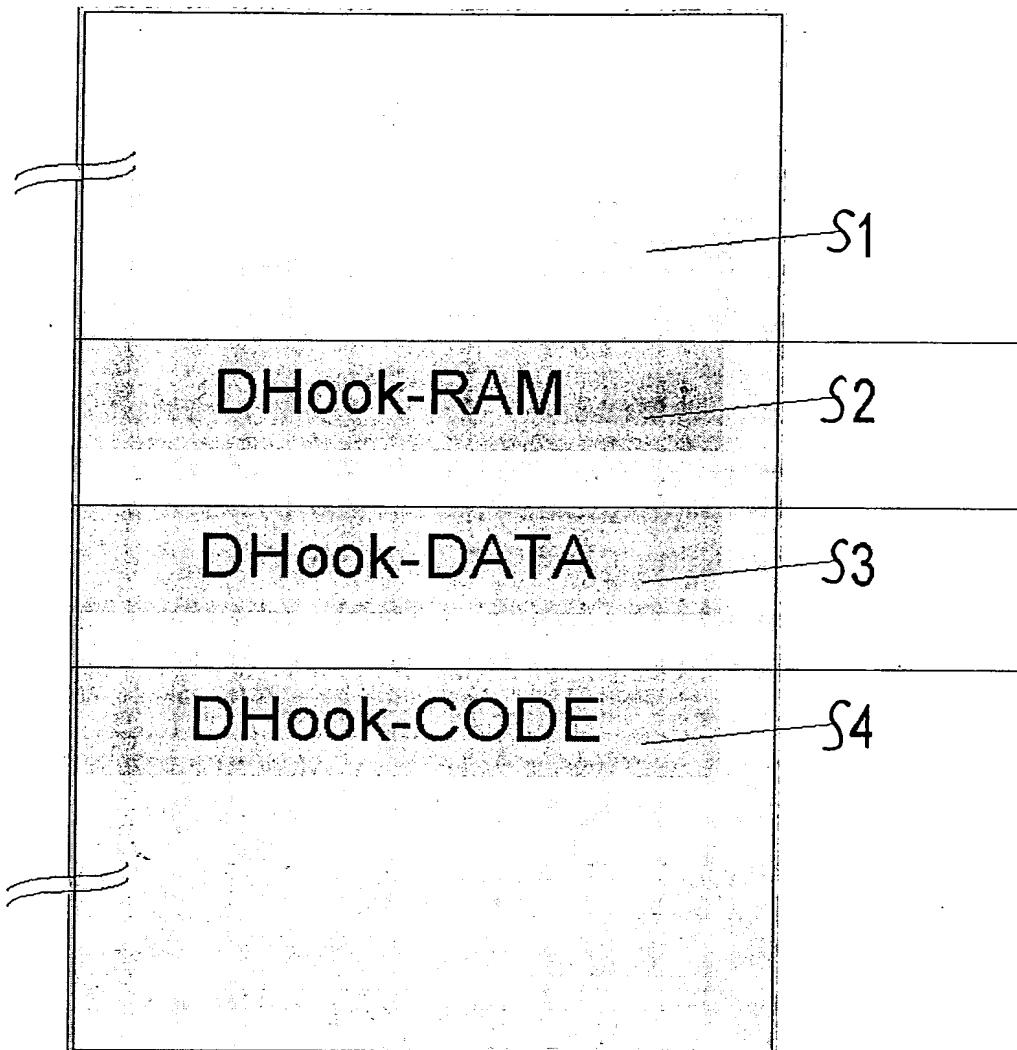


Fig. 10

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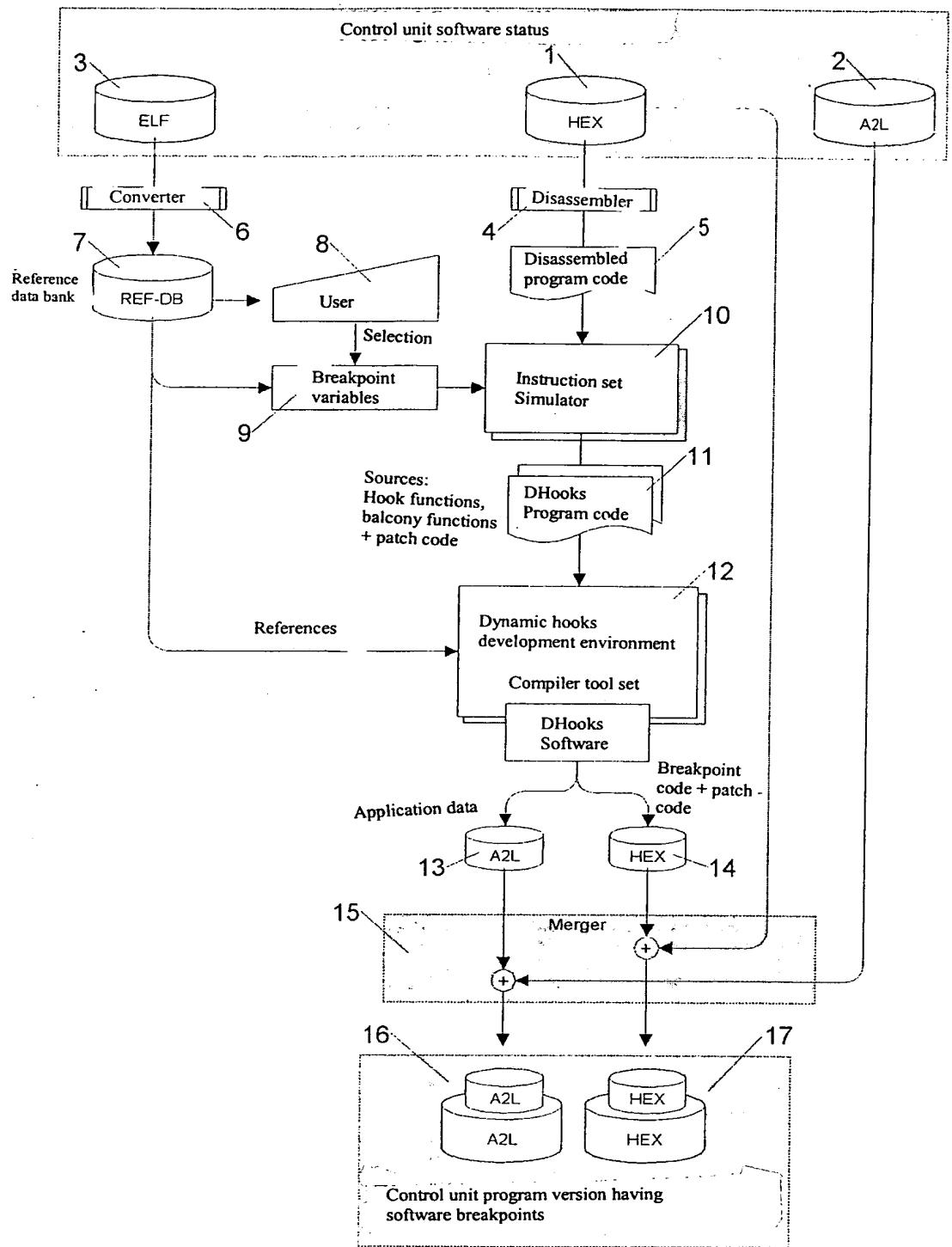


Fig. 11